

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 13768  
Application ID: 09683680  
Title of Invention: METHOD AND SYSTEM FOR  
INFERRING TORQUE OUTPUT OF A  
VARIABLE COMPRESSION RATIO  
ENGINE  
First Named Inventor: Michael Cullen  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-02-01  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 200-1527  
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: 4+QhQmA3N3uKOdNM3nsTNA==  
Total Fees Authorized: \$1072.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 61510  
Deposit Account Name: Sheri L. Charles



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# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1072**

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Deposit Account Number: 06-1510

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

**SUBMITTED BY**

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20020201

**BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

**EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 19	103	\$ 18	0	\$ 0
Independent Claims: 6	102	\$ 84	3	\$ 252

Subtotal For Extra Claims Fees: \$ 252

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80

09683680.020102

# TRANSMITTAL FORM

3C474 U.S. PTO  
09/683680  
02/01/02

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

200-  
1527

Submission Type: Utility Patent  
Filing

## METHOD AND SYSTEM FOR INFERRING TORQUE OUTPUT OF A VARIABLE COMPRESSION RATIO ENGINE

First Named Inventor: Michael John Cullen

### SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Sheri Lynn Charles Electronic  
Application Specialist

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Date Signed: 20020201

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### Attached Files:

declaration

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declaration  
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declaration  
bibd-transmittal  
specification  
fee-transmittal  
patent-assignments

declaration1of2.tif  
declaration2of2.tif  
art1of3.tif  
art2of3.tif  
art3of3.tif  
200-1527apds.xml  
specification.xml  
200-1527fee.xml  
200-1527asgn.xml

**Attached Image File(s):**

consent.tif  
declaration1of2.tif  
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201020-0896960  
art1of3.tif  
art2of3.tif  
art3of3.tif

Comments:

201020" 089E8960

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Case Docket No. 200-1527  
Date: February 1, 2002

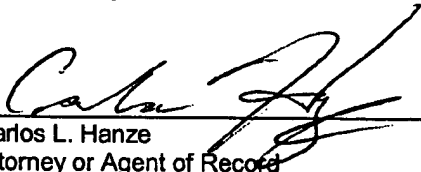
Sir:

Inventor(s):  
**Michael Cullen**

For: **METHOD AND SYSTEM FOR INFERRING TORQUE OUTPUT OF A VARIABLE COMPRESSION  
RATIO ENGINE**

The attorney or agent below has reviewed this application and its attachments and consents to  
electronic filing by the assignee.

Respectfully submitted:

  
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